

ABSTRACT OF THE INVENTION

According to the present invention, a voice transceiver is provided which is characterized in comprising: an input mechanism for inputting compressed voice codes of analog data; an expansion unit for digitalizing the compressed voice codes, and expanding and outputting digital voice data; a buffer for storing the digital voice data; a detection unit for detecting the quantity of data of the digital voice data stored in the buffer, and outputting a detection signal as the detection result; a converter for converting the digital voice data into analog voice data based on a detection signal; and a speaker for emitting the analog voice data into the air. In addition, an insertion/disposal control unit monitors the remaining data amount of the digital voice data of an SP output buffer, such that when the digital voice data within the buffer falls below a first threshold value, a dummy voice code is supplied to a voice decoder; on the other hand, when the digital voice data within the buffer exceeds a second threshold value, the insertion/disposal control unit discards the digital voice data to be outputted to the voice decoder. As a result, the detection performance, in the case when the transmission data is disrupted, is improved; the reliability of the voice data reception is increased; the voice reception quality is improved; and the output from the speaker is controlled to ensure a smooth output voice.

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